HI-SPEED USB 2.0 DVB-T TV STICK USER MANUAL

MODEL 176118

MANHATTAN

MAN-176118-UM-1206-04

Thank you for purchasing the MANHATTAN® Hi-Speed USB 2.0 DVB-T TV Stick, Model 176118. This Digital Video Broadcasting – Terrestrial tuner transforms your computer into a digital multimedia center: Digital Personal Video Recording captures and directly saves television programs to your computer hard drive for replay or transfer to a CD and other portable media devices; Electronic Program Guide allows you to browse program summaries, conduct channel and program searches, schedule reminders and more; Time-shifting lets you replay favorite scenes, skip annoying ads and apply pause/rewind/fast forward control to live video and recorded programs.

- Receive free-to-air DVB-T broadcasts on notebook and desktop computers (SDTV, HDTV, EPG supported)
- Enjoy clear, crisp reception almost anywhere: no external power required
- Easily schedule and directly save programs to a hard drive for replay or transfer to a CD
- Digital video recording, automatic station searching, customizable favorites and time shifting
- Plug and Play and USB installation; Windows compatible
- Lifetime Warranty

Package Contents:

- Hi-Speed USB 2.0 DVB-T Stick
- DVB-T antenna
- USB extension cable
- Remote control (CR 2025 battery included)
- User manual and software/driver CD

System Requirements:

- For SDTV: PIII 600 MHz or above, 128 MB RAM and VGA chipset with 16 MB RAM
- For HDTV: P4 2.0 GHz or above, 256 MB RAM and VGA chipset with 32 MB RAM
- Windows 2000/XP/Vista/7 Media Player 9.0 or above
- DirectX 9.0 or above

NOTE: Some screen images have been modified to fit the format of this manual.

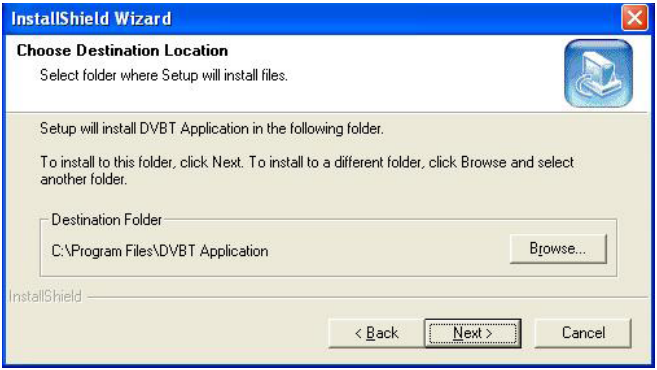
IMPORTANT NOTES:

- All channels are subject to coverage, and may be changed periodically.
- Reception can depend on the type and condition of your antenna. It is recommended that you confirm coverage in your area and determine if an antenna upgrade is necessary.
- As terrestrial digital wireless broadcast signals can be affected by topography, weather and various objects (resulting in poor signal quality), installing an outdoor antenna for indoor use of the DTV receiver is recommended.
- When using pre-recording, real-time recording or time-shifting functions, be sure enough hard disk space exists to save recorded data.
- Improper setup or operation can cause system instability or crashing. Before removing hard disk devices, close related applications.

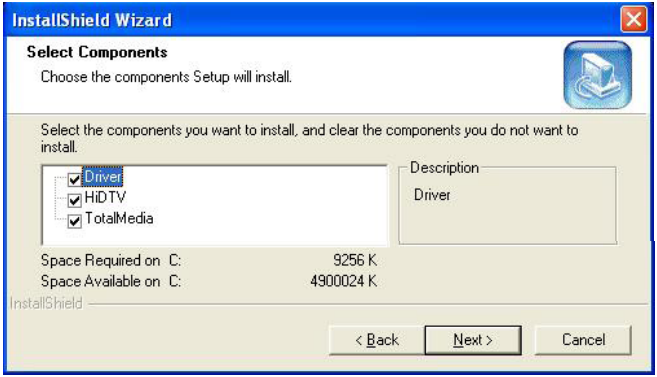
DRIVER & SOFTWARE INSTALLATION

1. Using an available USB port, connect the Hi-Speed USB 2.0 DVB-T TV Stick to the PC with the USB extension cable.
2. When the “Found New Hardware” screen displays, click “Cancel.”
3. Insert the enclosed software/driver CD in the drive.
4. Browse the CD (which promotes installation/setup automatically) and click “176118.”
5. On the next menu screen, click “Software Install” (or run DVB-T_ application.exe).
6. When the welcome screen displays, click “Next.”

Install Analog TV U560 USB to your Laptop
DriectX 9.0/Device Driver/Media Center software.
176125
Please restart system after installation
Install DVB-T T328B USB to your Laptop
DriectX 9.0/Device Driver/Media Center software.
176118
Please restart system after installation
Install Analog TV X800 PCI to your PC
DriectX 9.0/Device Driver/Media Center software.
176132
Please restart system after installation
Install DVB-T Hybrid X8000 PCI to your PC
DriectX 9.0/Device Driver/Media Center software.
176149
Please restart system after installation
eManual
Exit

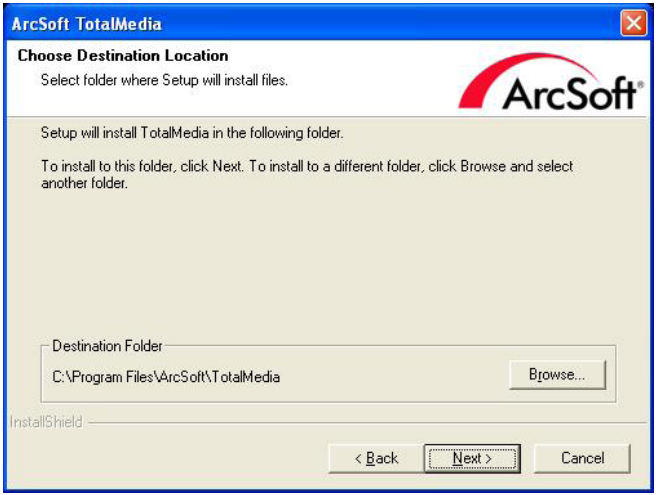

InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install DVBT Application in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\DVBT Application
Browse...
InstallShield
< Back
Next >
Cancel

7. With the Choose Destination Location screen of the DVB-T application InstallShield wizard displayed (above), click “Next” to install the application with the recommended path. If a different route/path is preferred, click “Browse” and make selections as desired.



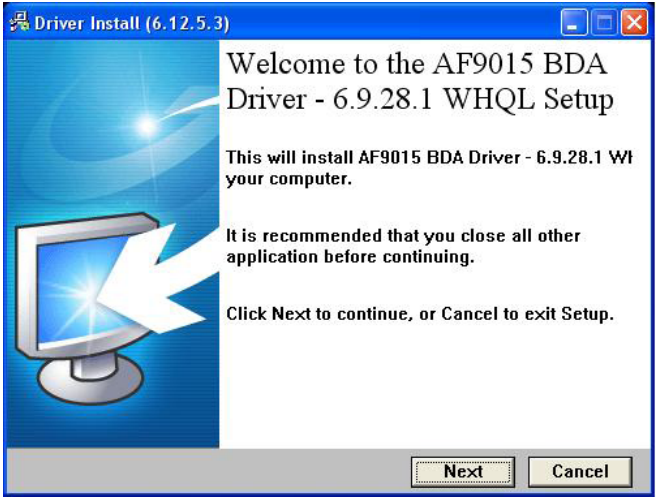
8. Check or uncheck the installation options, then click “Next” to advance to the Setup Status screen, which will indicate when installation is complete.

9. Select the setup language you want, then click “OK” to advance to the welcome screen for TotalMedia installation. Click “Next” to display the TotalMedia License Agreement screen, then click “Yes.”


ArcSoft TotalMedia
Choose Destination Location
Select folder where Setup will install files.
ArcSoft
Setup will install TotalMedia in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\ArcSoft\TotalMedia
Browse...
InstallShield
< Back
Next >
Cancel

10. With the Choose Destination Location screen of the TotalMedia wizard displayed (above), click “Next” to install the application with the recommended path. If a different route/path is preferred, click “Browse” and make selections as desired.

11. With the Select Program Folder screen displayed, click “Next” to advance to the Setup Status screen, which will indicate when installation is complete.
12. Click “Finish” to exit the completed TotalMedia installation.
13. Click “Finish” to exit the completed DVB-T application installation.


Driver Install (6.12.5.3)
Welcome to the AF9015 BDA Driver - 6.9.28.1 WHQL Setup
This will install AF9015 BDA Driver - 6.9.28.1 WH your computer.
It is recommended that you close all other application before continuing.
Click Next to continue, or Cancel to exit Setup.
Next
Cancel

14. With the Driver Install screen displayed, click “Next” to continue with the driver installation.
15. Once the driver installation is complete, click “Finish.” Three DVB-T application icons (shown at right) will appear on your desktop.

16. On the Control panel, you can go to System / System Properties / Device Manager (below) to confirm the installation of the drivers (AF9015 BDA Device). ***NOTE:*** If AF9015 BDA Device isn’t showing, try re-installing the software.

Device Manager
File
Action
View
Help
Sound, video and game controllers
AF9015 BDA Device
Audio Codecs
C-Media High Definition Audio Device
Legacy Audio Drivers
Legacy Video Capture Devices
Media Control Devices
Video Codecs
System devices
Universal Serial Bus controllers

TROUBLESHOOTING

Problem: There is DVB-T broadcasting in the area, but Auto Scan isn't able to lock on to any program channels.

Solution: Check for a too-weak signal by moving the antenna and trying the Auto Scan function again. (Placing the antenna near a window is best.)

Check that the antenna connection is tight.

Check that the correct country has been selected on the TotalMedia Scan Function page.

Connect to an outdoor antenna (if not already done) and try the Auto Scan function again.

NOTE: If DVB-T broadcasting is new to your area, the provider may change the broadcasting power from day to day, which can affect your reception. Also, bad weather can affect signal quality, as can metal objects (even things like soda cans) placed near the antenna.

Problem: While viewing, the screen blacks out or freezes on an image.

Solution: This is due to a weak signal. See the solutions above.

Problem: Video works, but not audio.

Solution: Check the sound card and the volume setting.

Problem: The remote control doesn't work.

Solution: Check the batteries in the remote control.

Confirm that the remote receiver light is on, indicating signal reception.

Make sure the remote is within operational range (5 m / 16 ft.) and not pointed at the receiving window on a too-severe angle.

Problem: The TV picture occasionally freezes or slows.

Solution: If using HDTV, ensure the minimum requirements are met (P4 2.0 GHz).

Check that the VGA driver is properly installed and updated.

Don't simultaneously run high CPU-loading software, such as video games or CAD.

REMOTE CONTROL BUTTONS/KEYS

① **Mute:** On/Off volume mute.

② **TV/AV:** Switch between S-Video, Composite and TV.

③ **Full Screen/Restore:** Switch from full screen to the default screen.

④ **TotalMedia:** Open/close the TotalMedia software.

⑤ **0–9:** Channel number keys.

⑥ **ESC:** Return.

⑦ **Time-shifting:** Time-shifting function.

⑧ **Up/Down/Left/Right OK**

⑨ **Vol5/Vol6:** Volume adjustment up or down.
Ch.+/Ch.– : Channel selection up or down.

⑩ **Record:** Record/stop recording the current program.
Stop: Stop pre-recorded viewing and return to live TV.
Snapshot: Take a picture of what is on screen.

MANHATTAN

SPECIFICATIONS

Standards
- Hi-Speed USB 2.0 compliant
- Meets PAL/SECAM/NTSC video standards

Tuner
- Input terminal: 75 Ohm IEC (DIN)
- Receiving frequency (TV): 48.2 – 863.25 MHz
- Supports multiple and single channels per carrier
- Supports COFDM and FEC
- Supports DVB-T
- 2K – 8K FFT size
- Puncture codes: 1/2, 2/3, 3/4, 4/5, 5/6 and 6/7
- Bandwidth: 6/7/8 MHz (auto selected)
- CY7C68013 chipset

Demultiplexer
- 32 PIDs maximum number of Section Filtering
- Software engine
- PES and TS stream capture

A/V Formats
- Video format: MPEG-2 Main Profile and Main Level
- Audio format: MPEG-2 Audio Layer I and II

Connections
- TV or DVB-T: F-type female
- USB A-type male

Physical
- Dimensions, overall: 8.5 x 2.8 x 1.3 cm (3.3 x 1.1 x 0.5 in.); 62.4 g (2.2 oz.)
- DVB-T antenna, 1.2 m (4 ft.)
- USB extension cable, 76 cm (30 in.)

MANHATTAN® offers a complete line
of PC Components, Peripherals, Cables and Accessories.
Ask your local computer dealer for more information
or visit us online at

www.manhattan-products.com

Copyright © MANHATTAN
All products mentioned are trademarks or registered trademarks of their respective owners.